

IAP7 Rec'd PCT/PTO 05 JUN 2006

PTO/SB/21 (09-04)

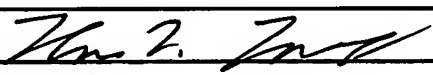
Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/526,515
	Filing Date	March 4, 2005
	First Named Inventor	KENNEDY, Sheila
	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	HMI P1191US1

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Declarations; Affidavit of Jodi Russo; Affidavit of Thomas Lockhart; Charge Deposit Account \$2,420.00
Remarks _____		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Varnum, Riddering, Schmidt & Howlett LLP		
Signature			
Printed name	Thomas L. Lockhart		
Date	6/5/2006	Reg. No.	29,324

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): KENNEDY, Sheila; et al.  
For: SPACE DIVISION SYSTEM  
Serial No.: 10/526,515  
Filed: 03/04/2005

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted for filing in the above-referenced patent application are the following:

- [X] Petition Under 35 U.S.C. §116 and 37 C.F.R. §1.47(a) to Accept Declarations Executed by Three Signing Inventors on Behalf of Themselves and Two Non-Signing Inventors, where the Non-Signing Inventors have not been able to be Reached after Diligent Effort
- [X] Affidavit of Jodi Russo in Support of Petition Under 35 U.S.C. 116
- [X] Affidavit of Thomas L. Lockhart in Support of Petition Under 35 U.S.C. 116
- [X] Declarations (3) for Utility or Design Patent Application.
- [X] Copy of the Notice to File Missing Parts of Nonprovisional Application Filing Date Granted.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 22-0257:

- 1) Any patent application processing fees under 37 C.F.R. ' 1.17;
- 2) Any filing fees under 37 C.F.R. ' 1.16 for presentation of extra claims; and
- 3) Any additional filing fees required under 37 C.F.R. ' 1.16.

A duplicate copy of this correspondence is enclosed.

Respectfully submitted,

SHEILA KENNEDY; BILL CHEN-HSUN YEN; JOSEPH CHI-CHEN HO;  
SENAN CHOE; AND ROBERT W. INSALACO

Dated: 6/5/2006

By: 

Thomas L. Lockhart, Reg. No. 29,324

VARNUM, RIDDERING, SCHMIDT & HOWLETT LLP  
Bridgewater Place  
Post Office Box 352  
Grand Rapids, Michigan 49501-0352  
(616) 336-6000



06-06-06

PCT\$

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/526,515	Sheila Kennedy	HMI P1191US1

INTERNATIONAL APPLICATION NO.

PCT/US03/27804

Varnum, Riddering, Schmidt & Howlett  
 Bridgewater Place  
 P.O. Box 352  
 Grand Rapids, MI 49501-0352

LA. FILING DATE

PRIORITY DATE

09/04/2003

09/04/2002

CONFIRMATION NO. 9234

371 FORMALITIES LETTER



\*OC000000017378195\*

Date Mailed: 11/04/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/04/2005
- Copy of the International Search Report filed on 03/04/2005
- Copy of IPE Report filed on 03/04/2005
- Information Disclosure Statements filed on 06/20/2005
- U.S. Basic National Fees filed on 03/04/2005
- Priority Documents filed on 03/04/2005
- Specification filed on 03/04/2005
- Claims filed on 03/04/2005
- Drawings filed on 03/04/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAYA L LEWIS BALTIMORE

Telephone: (703) 308-9140 EXT 202

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/526,515	PCT/US03/27804	HMI P1191US1

FORM PCT/DO/EO/905 (371 Formalities Notice)

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
**For FY 2006**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 2,420.00**Complete if Known**

Application Number	10/526,515
Filing Date	03/04/2005
First Named Inventor	KENNEDY, Sheila
Examiner Name	n/a
Art Unit	n/a
Attorney Docket No.	HMI P1191US1

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 22-0257 Deposit Account Name: Varnum, Riddering

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☐ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION** (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues) \_\_\_\_\_

Each independent claim over 3 (including Reissues) \_\_\_\_\_

Multiple dependent claims \_\_\_\_\_

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180

<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>
				<b>Fee (\$)</b> <b>Fee Paid (\$)</b>

- 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 20.

- 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

06/09/2006 GFREY1 00000148 220257 10526513

01 FC:1617 130.00 DA

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).


<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>

- 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 5 Month Ext of Time: Late Surcharge for Declarations: Petition Fee \_\_\_\_\_ **Fees Paid (\$)** 2,420.00**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 29,324	Telephone 616/336-6000
Name (Print/Type)	Thomas L. Lockhart	Date	6/5/2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant[s]: KENNEDY, Sheila; et al.  
 For: SPACE DIVISION SYSTEM  
 Serial No.: 10/526,515  
 Filed: March 4, 2005

Mail Stop Missing Parts  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

"Express Mail" Mailing Label No.:  
 EV 815986312 US


Date of Deposit: June 5, 2006

Sir:

I hereby certify that the documents listed below are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

<input checked="" type="checkbox"/> Transmittal Form	<input checked="" type="checkbox"/> Declaration for Patent Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Checks attached for \$	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Notice of Allowance and Issue Fee Due
<input type="checkbox"/> Provisional Application for Patent Cover Transmittal <input type="checkbox"/> Specification ___ Pages <input type="checkbox"/> Claims ___ Pages	<input type="checkbox"/> Information Disclosure Cover Letter <input type="checkbox"/> IDS PTO 1449 <input type="checkbox"/> ___ References	<input type="checkbox"/> Certificate of Correction
<input type="checkbox"/> Design/Utility Application Transmittal <input type="checkbox"/> Specification ___ Pages <input type="checkbox"/> Claims ___ Pages	<input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> ___ References	<input type="checkbox"/> Maintenance Fee Transmittal Form <input type="checkbox"/> Maintenance Fee Payment
<input type="checkbox"/> PCT <input type="checkbox"/> Transmittal Letter to the United States Receiving Office <input type="checkbox"/> PCT Fee Calculation Sheet <input type="checkbox"/> PCT Request (___ Pages) <input type="checkbox"/> PCT General Power of Attorney Cover Letter <input type="checkbox"/> PCT General Power of Attorney	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Letter to Official Draftsman	<input checked="" type="checkbox"/> Itemized Postcard
<input type="checkbox"/> Request Transmittal (RCE or CPA)	<input checked="" type="checkbox"/> Response to Missing Parts /Incomplete Application	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	- Petition - Affidavit of Jodi Russo
<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> Request for Refund	- Affidavit of Thomas Lockhart - Charge Deposit Account \$2,420.00 - Copy of Notification of Missing Requirements Under 35 U.S.C. 371

Dated: 06-05-06

  
 VARNUM, RIDDERING, SCHMIDT & HOWLETT LLP  
 Bridgewater Place  
 Post Office Box 352  
 Grand Rapids, Michigan 49501-0352  
 (616) 336-6000